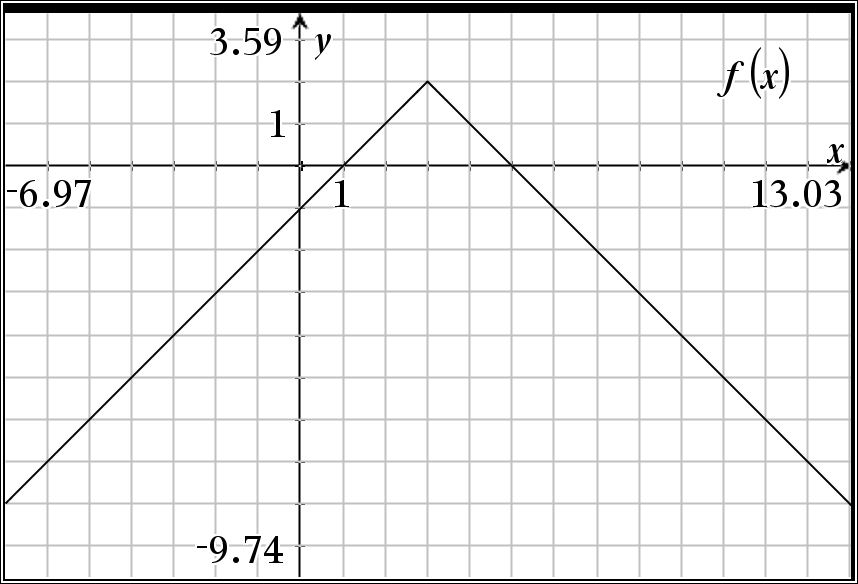
U2D11 WS Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Per \_\_\_\_\_

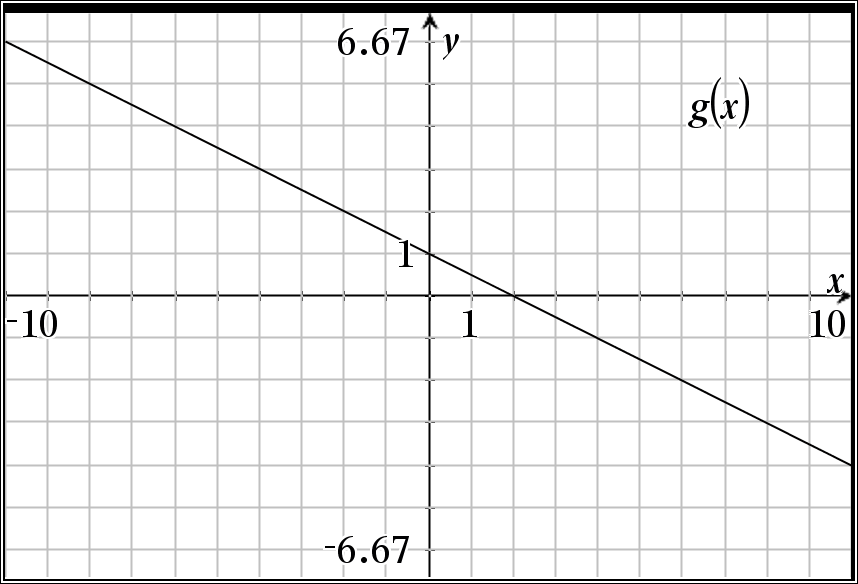
1-4, Determine whether the equation represents a function.

1. 2. 3. 4.

5-8, Evaluate the function for the given values.

5. 6. 7. 8.

9-16, Use the following graphs to answer the questions.



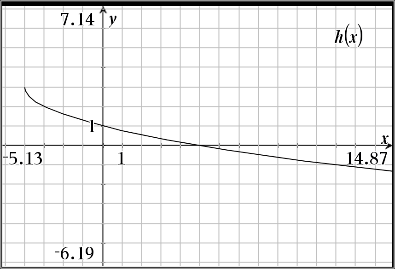
|  |  |  |
| --- | --- | --- |
| x | -1 | 7 |
| j(x) | 6 | 6 |

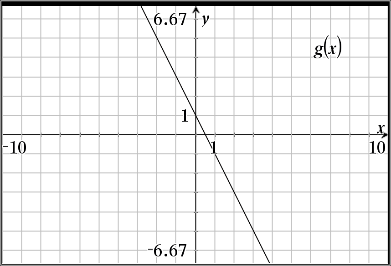
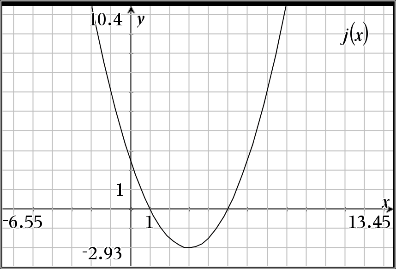
9. 10. 11. 12.

13. 14. 15. 16.

17-19, find A) , B) state the domain of the composite function, and C)

17. 18. 19.

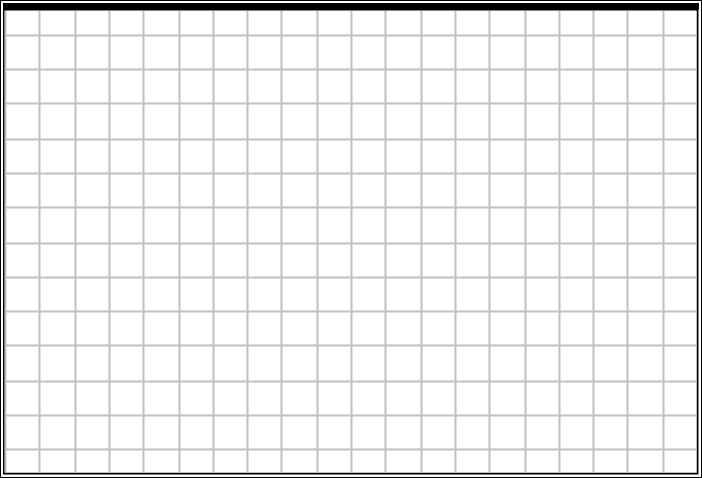
Sketch the inverse for each function.

20. 21. 23.

24-27, Find the domain and range.

24. 25. 26. 27.

28. Using your graphing utility and graph the following functions. Sketch a complete graph and label the graph to indicate the window settings. Identify the information listed.

****Relative max(s):\_\_\_\_\_\_\_\_\_\_\_\_\_ Domain:\_\_\_\_\_\_\_\_\_\_\_\_\_

Relative min(s):\_\_\_\_\_\_\_\_\_\_\_\_\_ Range:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Absolute max:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Increasing: \_\_\_\_\_\_\_\_\_\_\_

Absolute min:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Decreasing:\_\_\_\_\_\_\_\_\_\_\_

zeros: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ y-int: \_\_\_\_\_\_\_\_\_\_